

# PATENT ABSTRACTS OF JAPAN

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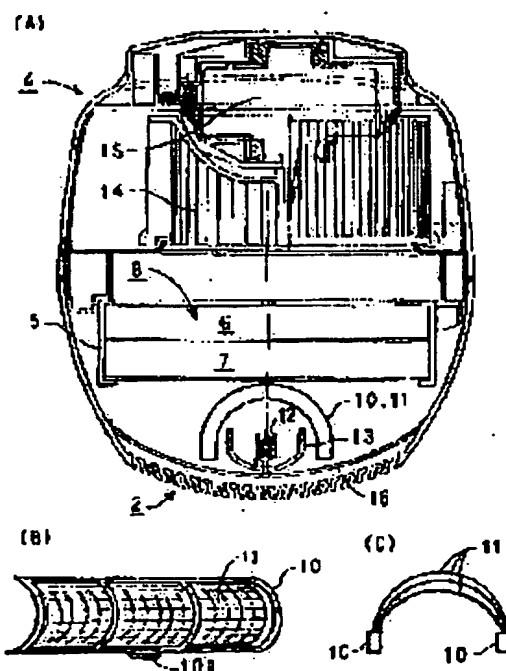
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**(54) AIR CLEANER**

**(57)Abstract:**

**PROBLEM TO BE SOLVED:** To provide an air cleaner which can keep deodorizing property by enhancing the maintainability of a photocatalyst filter.

**SOLUTION:** This air cleaner comprises a body case 4, which is provided with a suction part 2 at the front and a discharge port at the tip, an air-cleaning filter 8 which is provided in an air passage connecting the suction port 2 with the discharge port and consists of a deodorizing filter 6 and a dust collecting filter 7 stored in piles within a filter case 5, the photocatalyst which is provided on the windward side of them and is equipped with a frame 10, with its top and bottom being supported by a filter support, an ultraviolet emitter 12 which faces the photocatalyst filter 11, and a cover 13 which is provided on the windward side of that ultraviolet ray emitter 12, and the photocatalyst filter 11 is curved, so that both its sides come close to the ultraviolet emitter 12.



## **LEGAL STATUS**

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